

BRIDGING THE DIVIDE

NDIA PANEL

T&E Military Hardware
Multi-nationally Produced

0805 Wed 1 Mar 00

Vancouver, BC

Evolution of DoD T&E (‘72-’92)

- The Advent of Title 10
- Stylized T&E (Cost, Cycle Time, Black Hat)

Revolution in Testing Affairs

('92 - ?)

- Budget Impact of End of Cold War
- Long-Range, High Tech Systems & Platforms
- Large-Scale, Complex, Integrated Operations
- Interoperability, Combined Operations

Revolution in Testing Affairs

(‘92 - ?) (cont’d)

- Upgrades, SW Cycles, Spiral Dev, COTS
- M&S, DIS
- Data Sharing, Data Fidelity, Early Entry, Cont. Testing, Assess. and Evals, Embedded Sensors, Rqmts Documents
- DT/OT; Trng/Test/Opns; ACTD’s, ATD’s, Joint Experimentation
- Facility Crunch (Cost, Mod, Land, Enviro, Instr.)
- White Hat

The Evolution of Contractor Support of T&E (‘72-’92)

- Before Title 10
- A Clear, Bright Line (DT&E vs. OT&E)
- Strict, Focused, Slow, Expensive T&E
- Technology & Budgets Conspired to Promote Change

The Revolution in Contractor Affairs

(‘92 - ?)

- Contractor Data (VV&E), Contractor Involvement
- GOCO, Partnership
- Outsourcing (A-76) & Privatization
- Facility Use and Ownership; Regionalization
- COI: OEM's and Service Contractors

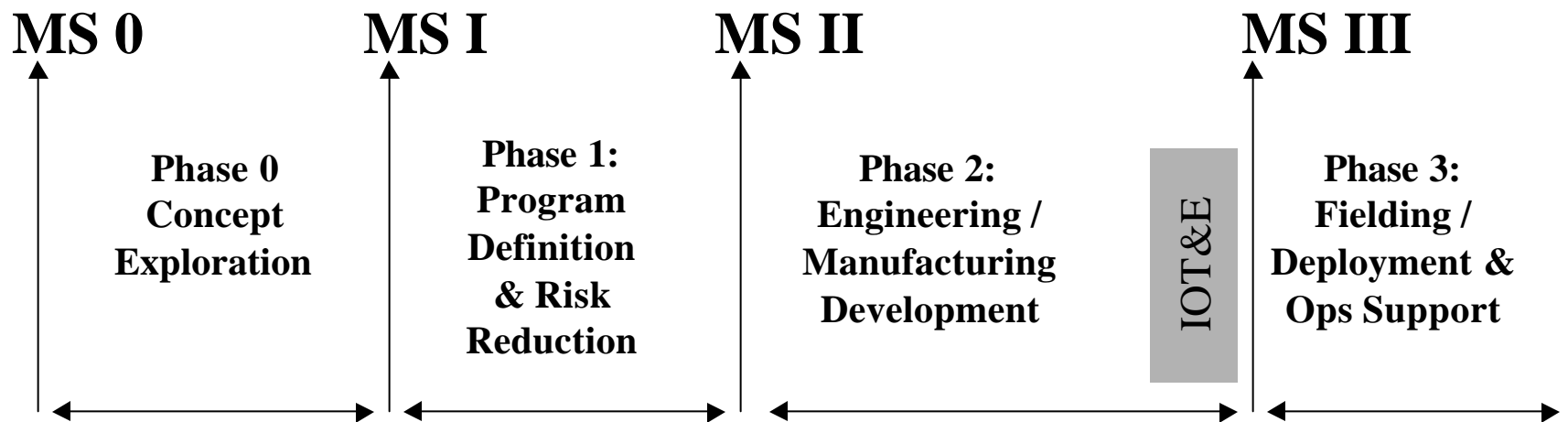
Int'l Systems, Int'l Testing

- At Least 3 Variants for Development:
 - National Production, Multi-national Buy
 - Multi-national Production, Multi-national Buy
 - National or Multi-national Production, National Upgrades

Int'l Systems, Int'l Testing (cont'd)

- Options:
 - Combined Testing & Evaluation
 - National Testing, Multi-national Verification/Validation
 - National Development, Multi-national OT&E
- Considerations:
 - Contractor Support
 - Reliability of Performance Data
 - U.S. Standards/ITOPS
 - FCT
 - Role of DoD and DOTE
 - U.S. Ranges and Facilities
 - U.S. T&E Support

“Classic” Acquisition Cycle



Early Involvement Model

